

FIG.1

USER INFORMATION

MEMBER ID	PASSWORD	USER ATTRIBUTES	INFORMATION OUTPUT PERMISSION
A	1111	NAME, ADDRESS, SEX, OCCUPATION, ETC.	YES
B	2222	...	NO
⋮	⋮	⋮	⋮

FIG.2

Variable	Mean	Standard deviation	Minimum	Maximum
Age	35.5	10.5	20	55
Gender	0.5	0.5	0	1
Marital status	0.5	0.5	0	1
Education	12.5	1.5	10	15
Income	15.5	5.5	10	25
Health status	0.5	0.5	0	1
Smoking status	0.5	0.5	0	1
Alcohol consumption	0.5	0.5	0	1
Exercise frequency	0.5	0.5	0	1
Stress level	0.5	0.5	0	1
Sleep quality	0.5	0.5	0	1
Work satisfaction	0.5	0.5	0	1
Life satisfaction	0.5	0.5	0	1
Overall health	0.5	0.5	0	1
Physical health	0.5	0.5	0	1
Mental health	0.5	0.5	0	1
Social health	0.5	0.5	0	1
Emotional health	0.5	0.5	0	1
Behavioral health	0.5	0.5	0	1
Environmental health	0.5	0.5	0	1
Occupational health	0.5	0.5	0	1
Financial health	0.5	0.5	0	1
Family health	0.5	0.5	0	1
Community health	0.5	0.5	0	1
National health	0.5	0.5	0	1
Global health	0.5	0.5	0	1
World health	0.5	0.5	0	1
Universal health	0.5	0.5	0	1
Human health	0.5	0.5	0	1
Planetary health	0.5	0.5	0	1
Ecological health	0.5	0.5	0	1
Environmental health	0.5	0.5	0	1
Climate health	0.5	0.5	0	1
Weather health	0.5	0.5	0	1
Seasonal health	0.5	0.5	0	1
Annual health	0.5	0.5	0	1
Decadal health	0.5	0.5	0	1
Centennial health	0.5	0.5	0	1
Millennial health	0.5	0.5	0	1
Biological health	0.5	0.5	0	1
Chemical health	0.5	0.5	0	1
Physical health	0.5	0.5	0	1
Mental health	0.5	0.5	0	1
Social health	0.5	0.5	0	1
Emotional health	0.5	0.5	0	1
Behavioral health	0.5	0.5	0	1
Environmental health	0.5	0.5	0	1
Occupational health	0.5	0.5	0	1
Financial health	0.5	0.5	0	1
Family health	0.5	0.5	0	1
Community health	0.5	0.5	0	1
National health	0.5	0.5	0	1
Global health	0.5	0.5	0	1
World health	0.5	0.5	0	1
Universal health	0.5	0.5	0	1
Human health	0.5	0.5	0	1
Planetary health	0.5	0.5	0	1
Ecological health	0.5	0.5	0	1
Environmental health	0.5	0.5	0	1
Climate health	0.5	0.5	0	1
Weather health	0.5	0.5	0	1
Seasonal health	0.5	0.5	0	1
Annual health	0.5	0.5	0	1
Decadal health	0.5	0.5	0	1
Centennial health	0.5	0.5	0	1
Millennial health	0.5	0.5	0	1
Biological health	0.5	0.5	0	1
Chemical health	0.5	0.5	0	1
Physical health	0.5	0.5	0	1
Mental health	0.5	0.5	0	1
Social health	0.5	0.5	0	1
Emotional health	0.5	0.5	0	1
Behavioral health	0.5	0.5	0	1
Environmental health	0.5	0.5	0	1
Occupational health	0.5	0.5	0	1
Financial health	0.5	0.5	0	1
Family health	0.5	0.5	0	1
Community health	0.5	0.5	0	1
National health	0.5	0.5	0	1
Global health	0.5	0.5	0	1
World health	0.5	0.5	0	1
Universal health	0.5	0.5	0	1
Human health	0.5	0.5	0	1
Planetary health	0.5	0.5	0	1
Ecological health	0.5	0.5	0	1

FIG.3A

FIG.3B

PORT	MEMBER ID	IP ADDRESS	CONNECTION START TIME	CONNECTION END TIME
1	A	X.X.X.10	09:04	09:04
⋮	⋮	⋮	⋮	⋮
4	B	X.X.X.10	09:23	—
⋮	⋮	⋮	⋮	⋮

FIG.4

USER-URL ACCESS INFORMATION

FIG.5

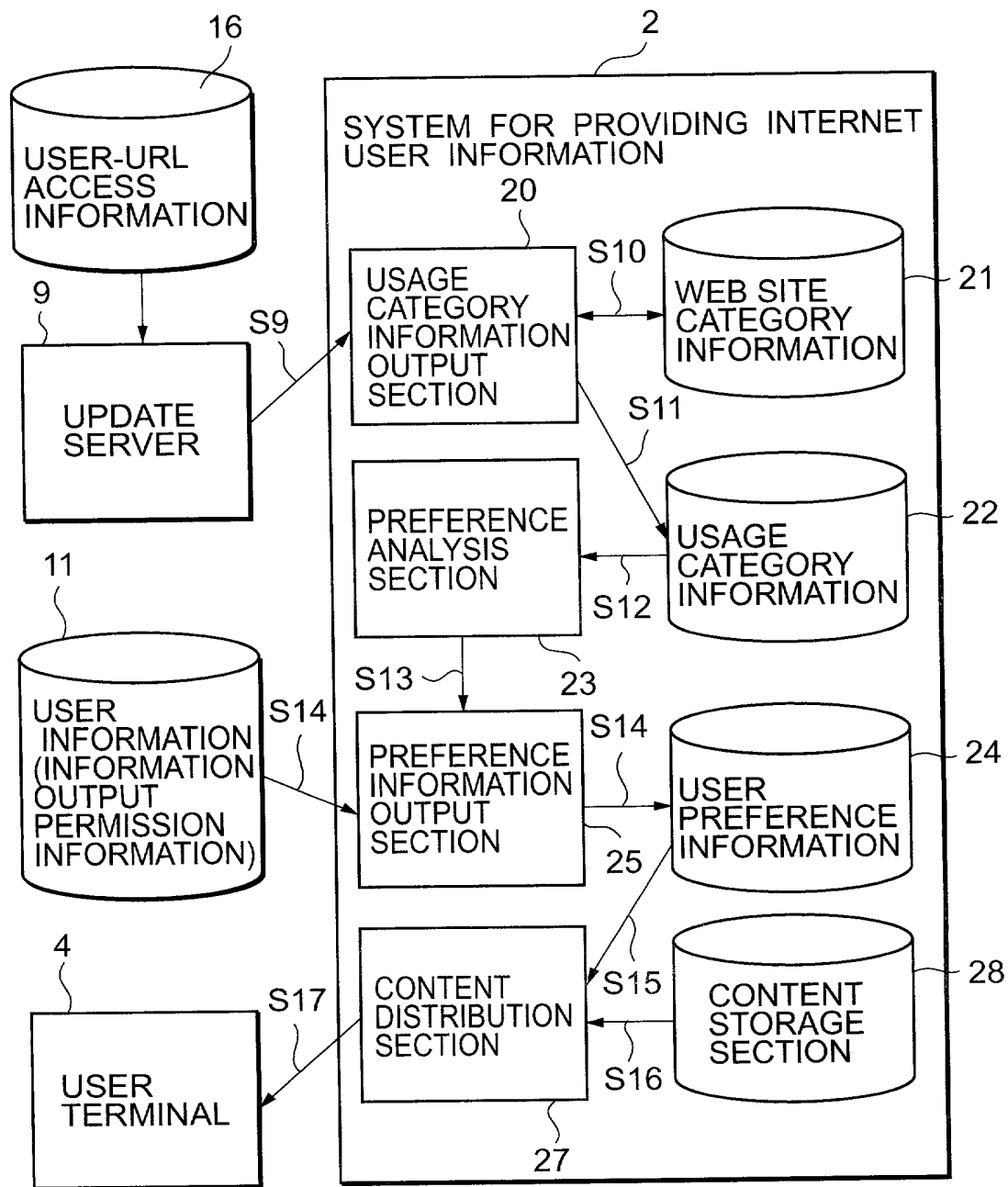


FIG.6

URL CATEGORY INFORMATION

URL	CATEGORY	SUB-CATEGORY
URL 1	ART	PHOTOGRAPHS
URL 2	BUSINESS	EMPLOYMENT
URL 3	POLITICS	PUBLIC ADMINISTRATION
URL 4	SPORTS	OUTDOOR
⋮	⋮	⋮

FIG.7

RESULTS OF THE USER PREFERENCE ANALYSIS

CATEGORY MEMBER ID	ART	BUSINESS	COMPUTER	EDUCATION	...
A	5 _̄	2 _̄	0 _̄	0 _̄	...
B	0 _̄	0 _̄	5 _̄	4 _̄	...
⋮	⋮	⋮	⋮	⋮	

FIG.8

CONTENT INFORMATION

CONTENT ID	CATEGORY	SUB-CATEGORY	AGE	SEX	OCCUPATION CODE
0001	ART	PHOTOGRAPHY	20 - 40	M	1
:	:	:	:	:	:
0012	EDUCATION	SCHOOLS	12 - 15	F	0
:	:	:	:	:	:

FIG.9

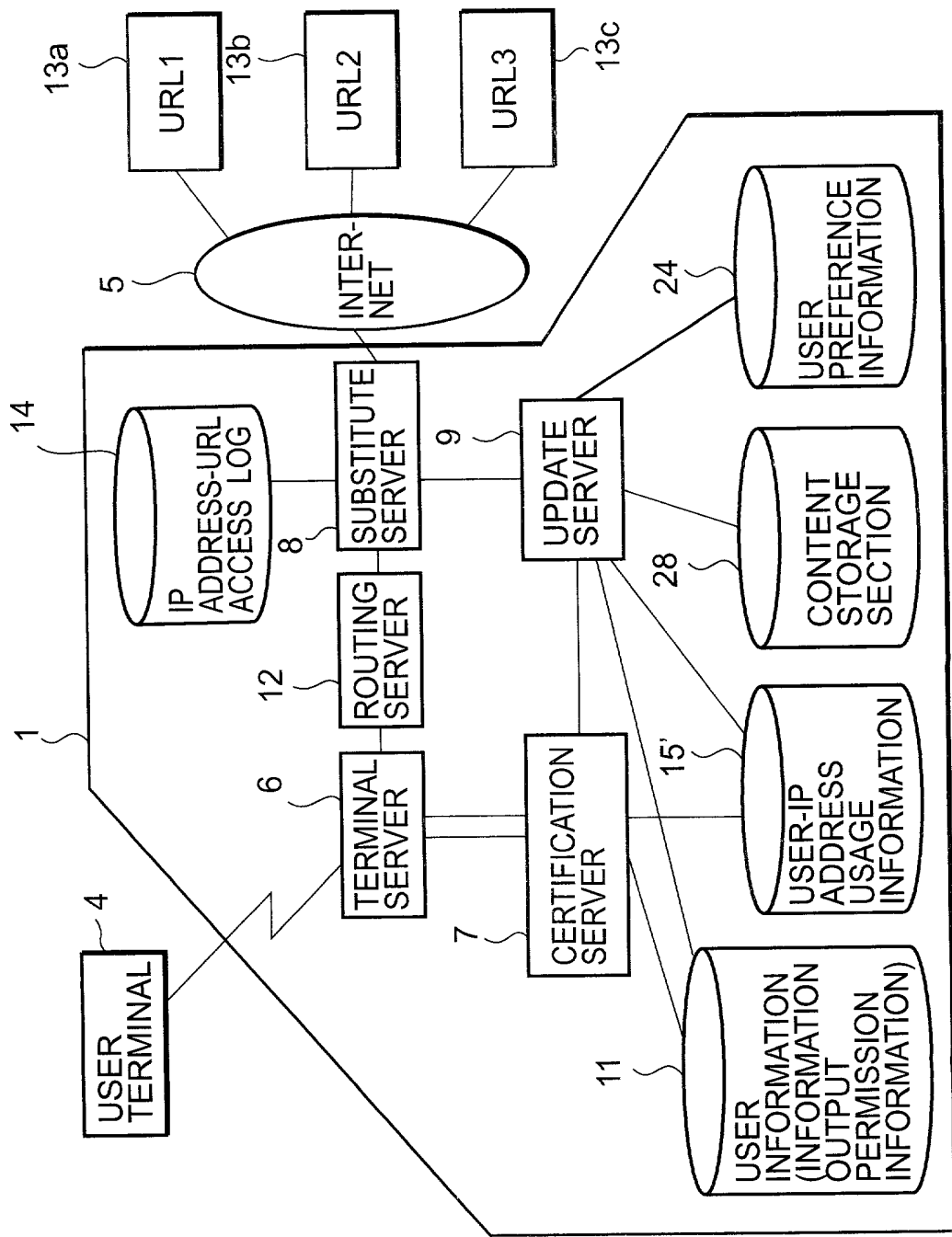


FIG.10

USER-IP ADDRESS USAGE INFORMATION

IP	MEMBER ID
xxx 10	A
...	...

FIG.11

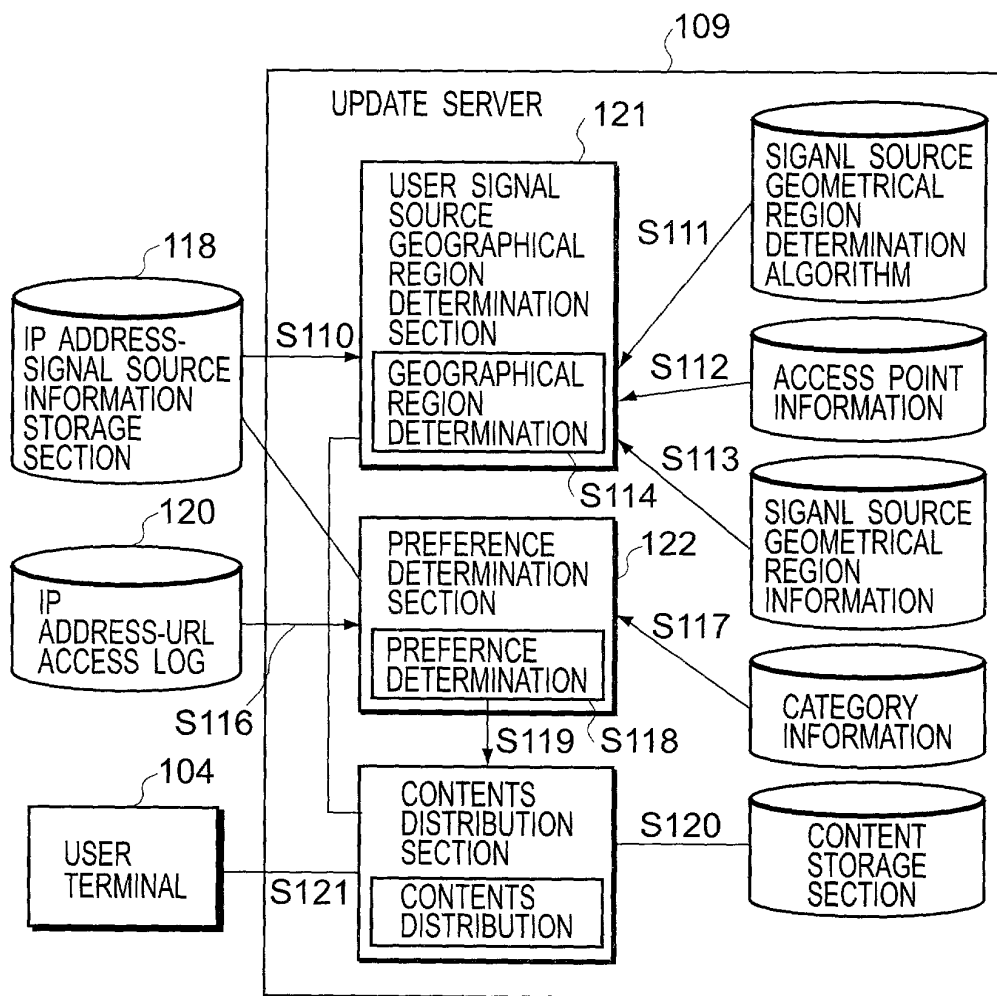


FIG. 13

ACCESS POINT INFORMATION

ACCESS POINT NAME	TELEPHONE NUMBER	LOCATION
AP1	03-111-1111	03 (TOKYO)
AP2	045-222-2222	045 (YOKOHAMA)
AP3	0120-3333-333	078 (KOBE)
.

FIG. 14

IP ADDRESS USAGE INFORMATION

USER	USER ID	IP ADDRESS	SIGANL SOURCE
A	1111	(IP 1)	045-222-2222
B	2222	(IP 2)	PUBLIC TELEPHONE
C	3333	(IP 3)	03-111-1111
.

FIG. 15

SIGANL SOURCE GEOMETRICAL REGION
DETERMINATION ALGORITHM

LINE NETWORK TYPE	ALGORITHM
REGULAR TELEPHONE	DETERMINE BASED ON THE SIGNAL SOURCE AREA CODE
PUBLIC TELEPHONE	DETERMINE BASED ON THE ACCESS POINT AREA CODE
.

FIG. 16

SIGANL SOURCE GEOMETRICAL REGION INFORMATION

SIGNAL SOURCE OR ACCESS POINT AREA CODE AND EXCHANGE NUMBER	GEOMETRICAL REGION
045-222	YOKOHAMA-1
03-111	TOKYO-1
.

FIG. 17

URL	CATEGORY
...	
URL 1	CATEGORY 1 (CARS)
...	
URL 2	CATEGORY 2 (TRAVEL)
...	
URL 3	CATEGORY 3 (SECURITIES)
...	

FIG. 18

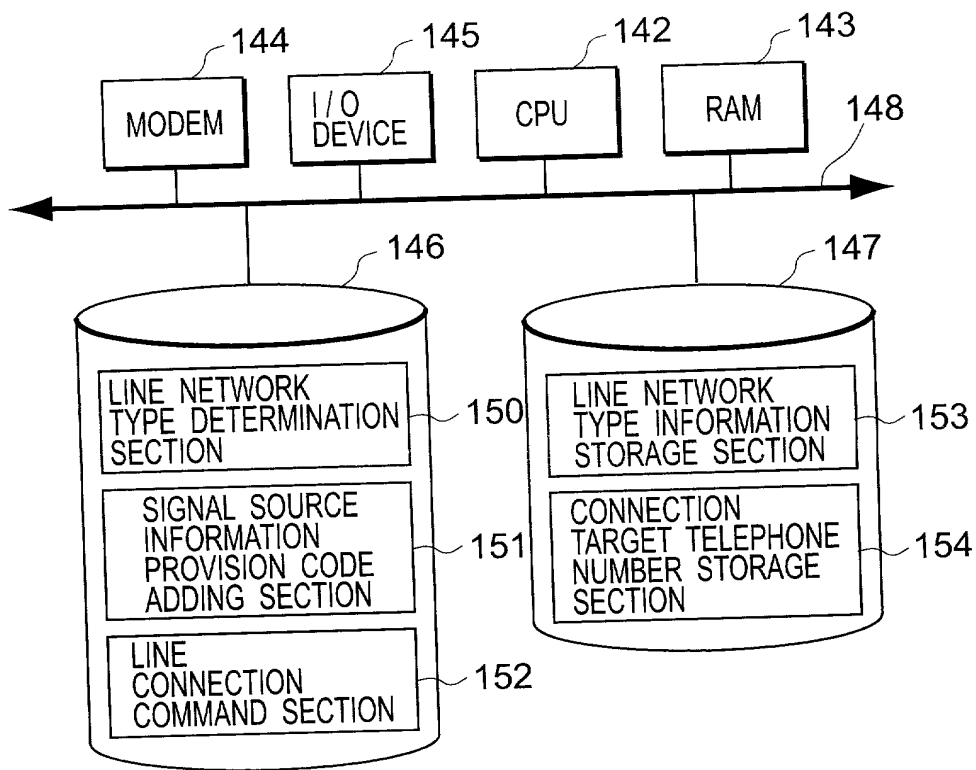


FIG. 19

